

What is claimed is:

09994641. 1. 1. A polyolefin resin foamed sheet comprising a polyolefin foamed layer, and a polyolefin non-foamed layer containing 10% by weight or more of a recycled polyolefin subjected to at least two cycles of a process comprising melting and solidifying polyolefin selected from the group consisting of polyolefin having long chain branch and polyolefin having a weight-average molecular weight of  $1 \times 10^5$  or more.

2. The polyolefin resin foamed sheet according to Claim 1 wherein polyolefin having long chain branch is polypropylene having long chain branch and the polyolefin having a weight-average molecular weight of  $1 \times 10^5$  or more is a polypropylene having a weight-average molecular weight of  $1 \times 10^5$  or more.

3. The polyolefin resin foamed sheet according to Claim 1 wherein a layer comprising a polyolefin selected from the group consisting of polyolefin having long chain branch and polyolefin having a weight-average molecular weight of  $1 \times 10^5$  or more is provided between the foamed layer and the non-foamed layer.

4. A method of producing a polyolefin resin foamed sheet comprising a polyolefin foamed layer and a polyolefin non-foamed

layer, wherein a polyolefin layer 1 containing a foaming agent and a polyolefin layer 2 containing 10% by weight or more of a recycled polyolefin subjected to at least two cycles of a process comprising melting and solidifying polyolefin selected from the group consisting of polyolefin having long chain branch and polyolefin having a weight-average molecular weight of  $1 \times 10^5$  or more are co-extruded, and the polyolefin resin layer 1 is foamed.

5. The production method according to Claim 4 wherein the polyolefin having long chain branch is polypropylene having long chain branch and the polyolefin resin having a weight-average molecular weight of  $1 \times 10^5$  or more is polypropylene having a weight-average molecular weight of  $1 \times 10^5$  or more.

6. The production method according to Claim 4 wherein a layer 3 made of a polyolefin selected from the group consisting of polyolefin having long chain branch and polyolefin having a weight-average molecular weight of  $1 \times 10^5$  or more is further laminated between the polyolefin resin layer 1 and the polyolefin resin layer 2.